

## BATTERY AND SYSTEM POWER SELECTOR INTEGRATION SCHEME

### Abstract of Disclosure

5           In a method and system for operating each smart battery included in a smart  
battery system, the smart battery is initialized prior to the smart battery being  
electrically coupled to the smart battery system. The smart battery system or an  
external power source is selected to provide power to an information handling  
system device. The smart battery includes a smart electronics, a charge switch and  
10 a discharge switch. The smart electronics operates the charge and discharge  
switches to jointly control an operating condition of the smart battery in response to  
receiving a control input from a controller of the device. The charge and discharge  
switches are closed in response to the smart electronics and the controller being in  
agreement to charge the first smart battery. The charge or the discharge switch is  
15 opened in response to either the smart electronics or the controller directing either  
of the switches to be opened.